

DRG.

1/5 NOZ

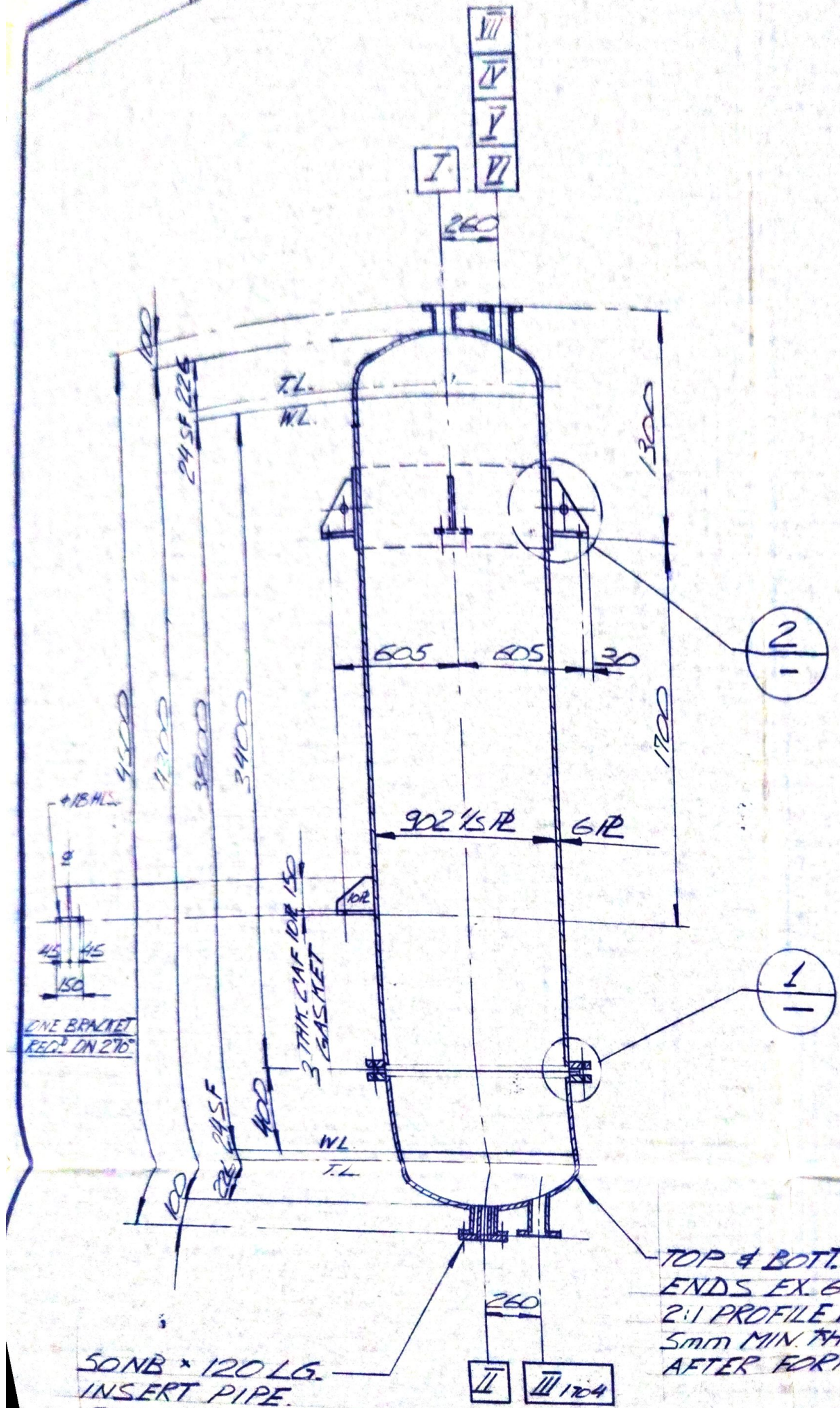
1/5

TYP.

S.O.L.
AFTER

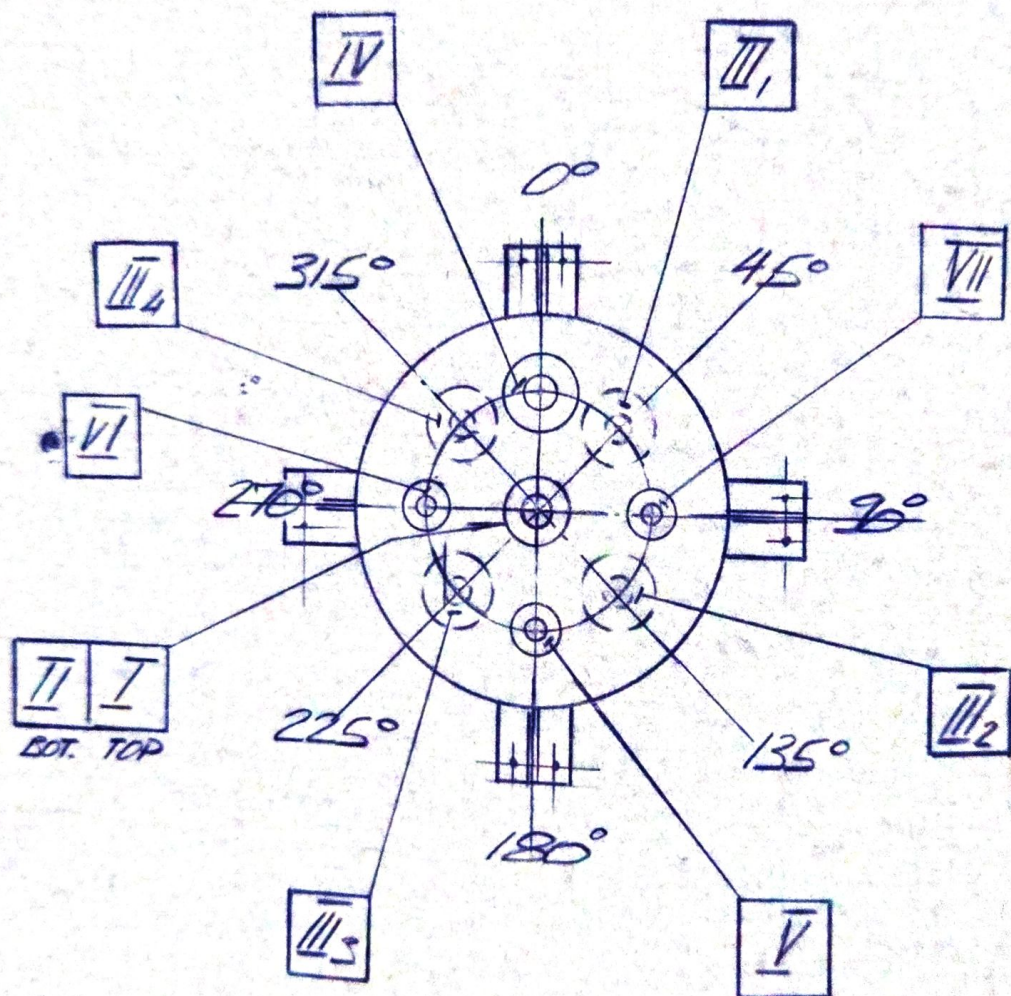
FULL P.
WELD

70°



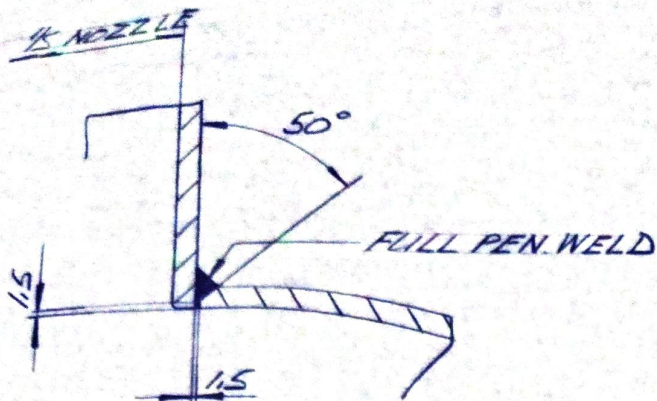
50NB x 120 LG.
INSERT PIPE.
FLANGED TO SLIT
80NB NOZZLE

TOP & BOTT. DISHED
ENDS EX. 6mm PL
2:1 PROFILE TO BS 1966
5mm MIN THICKNESS
AFTER FORMING.

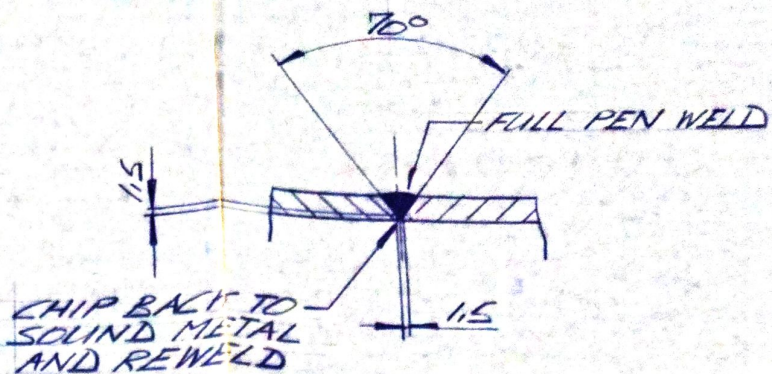


ORIENTATION PLAN

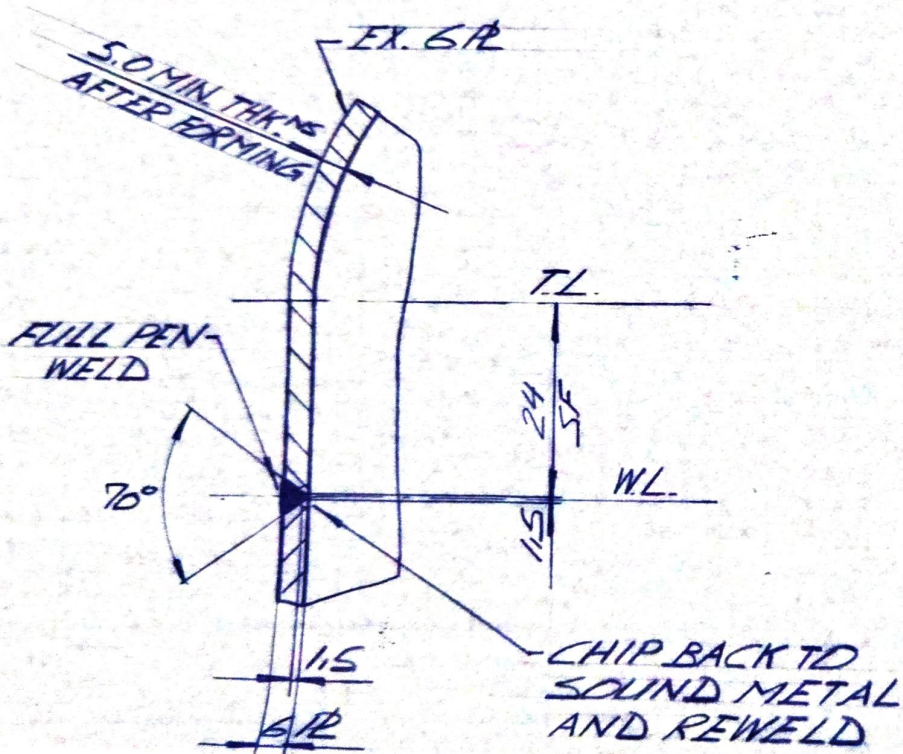
REV	DESCRIPTION	DRAWN	CHK'D	REVISIONS		
0	ISSUED FOR MANF.					



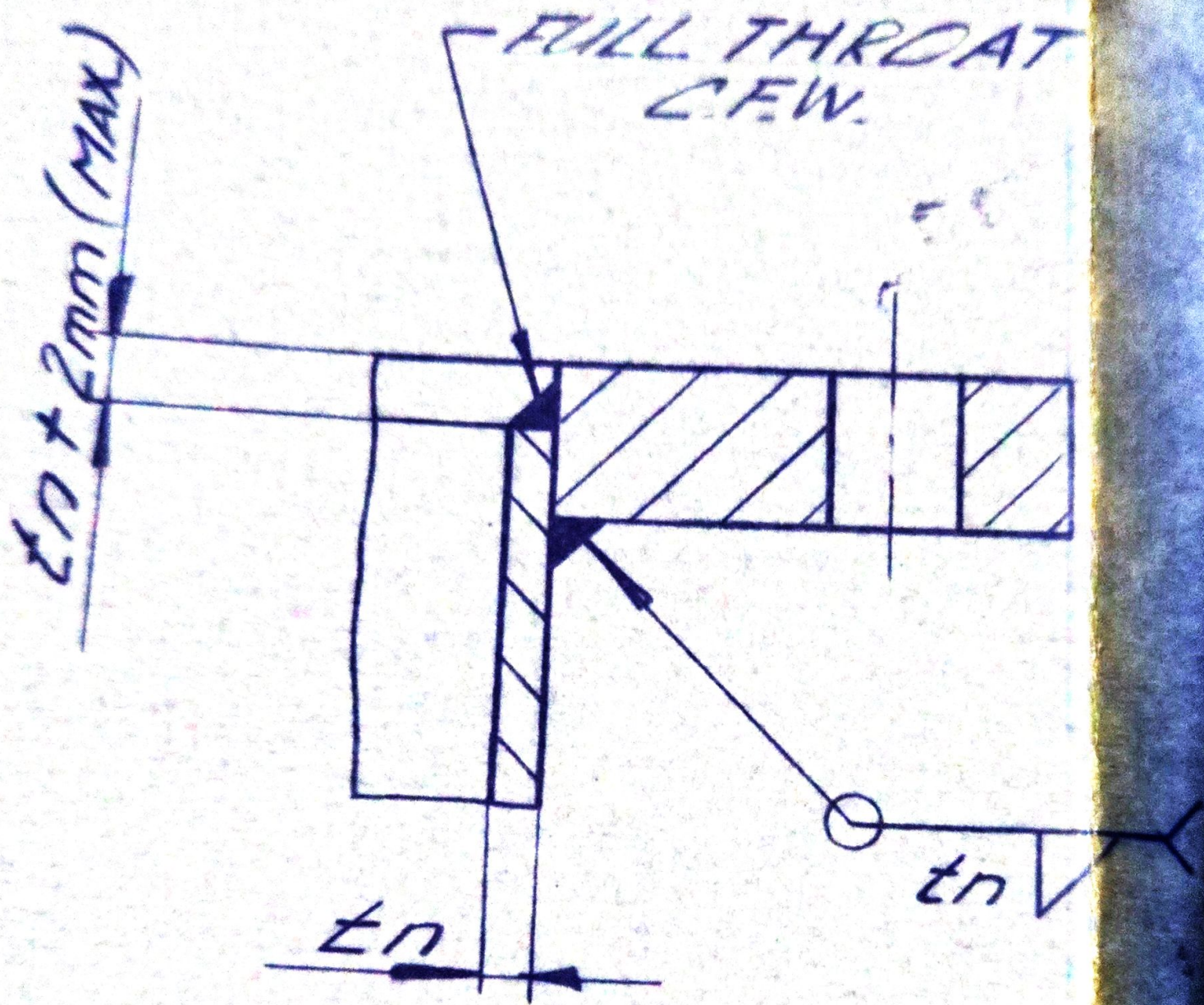
TYP. NOZZLE TO HEAD WELD



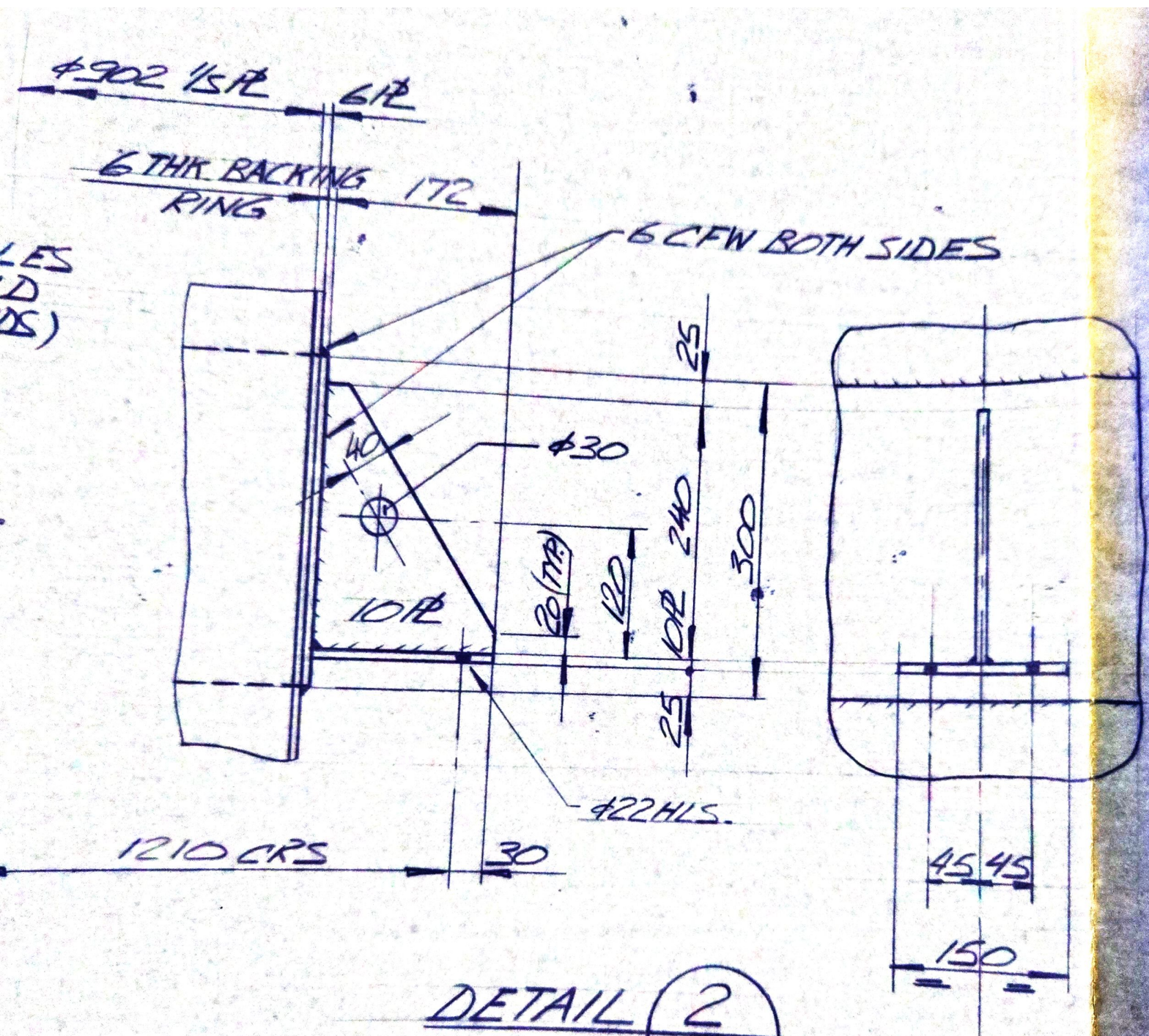
TYP. SEAM WELD



TYP. TOP & BOT. DISHED
ENDS TO SHELL WELD



TYP. FIG. TO NOZZLE WELD



DETAIL (2)
1

SCALE	1:20			
DRAWN	7 5 9 94			
CHECKED			ENG.	

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MATERIAL SCHEDULE

ITEM	NO REQD	MATERIAL	DESCRIPTION
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NOZZLE SCHEDULE

MARK	SIZE	SCHD.	RATING	DESCRIPTION
I	80 NB	80	SEE GEN. NOTES	CARBON INLET
II	80 NB	"	"	CARBON OUTLET
III 1/2"	100 NB	"	"	ELLIATE INLET
IV	100 NB	"	"	ELLIATE OVERFLOW
V	25 NB	"	"	WATER IN -
VI	25 NB	"	"	PRESSURE RELIEF
VII	25 NB	"	"	PRESSURE GAUGE

DESIGN DATA

DESIGN CODE	BS 5500:1982-CAT. II
TEST PRESSURE	570 Kpa (g)
DESIGN PRESSURE	300 Kpa (g)
DESIGN TEMPERATURE	160°C
OPERATING TEMPERATURE	140°C
STRESS RELIEF	NIL
NON DESTRUCTIVE TESTING:	
RADIOGRAPHY	10% + ALL TEE JOINTS
D.P.I.	100% ALL INTERNAL WELDS
CAPACITY	2.4 m ³
CORROSION ALLOWANCE	1.5 mm

MATERIAL OF CONSTRUCTION

SHELL:	3CR12
DISHED ENDS:	3CR12
BODY FLANGES:	BS 1501-151-430A 9W 3CR12 FACING
NOZZLE FLG'S	3CR12
NOZZLES	3CR12
SKIDS:	ASTMA-193 B7
NUTS:	ASTMA-194 2H

GENERAL NOTES:

1. ALL COMPONENTS TO BE 3CR12 UNLESS ABOVE
2. ALL FLGS. 'SD' 'RF' TO BS 4504 T. 16/3
3. ALL WELDS TO BE 6mm C.F.W. UNLESS
4. ALL BOLT HLS. TO BE POS OFF CENTRES